



**EZVIZ W3R** **AX1800** 

*Smart Home Mesh  
Wi-Fi 6 System*

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***Fast, stable Wi-Fi  
for your home***



Enjoy a home network that is faster, wider, and safer with EZVIZ's new mesh router, the W3R. While delivering a robust Wi-Fi signal, the W3R ensures that even numerous devices won't slow down network speeds. Though small in size, W3R is powerful enough to help you build an interconnected smart home. You can also embrace an improved work-from-home lifestyle supported by lag-free, seamless connectivity.

# Key Features



Fast Wi-Fi 6 Rates  
(Up to 1,800 Mbps)\*



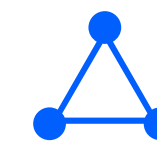
Seamless Roaming  
by EZVIZ Easy Mesh  
Technology



A Unified Whole-  
Home Network  
(Up to 150m<sup>2</sup>)†



Smart Home  
Accelerator  
(Up to 128 devices)‡



Highly Stable  
Network with  
Low Latency



Supports Dual-Band  
Wi-Fi 6 (2.4 & 5 GHz)



Easy Setup and  
Management via  
EZVIZ App



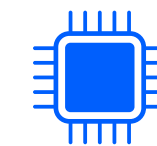
Enhanced EZVIZ  
Camera Streaming



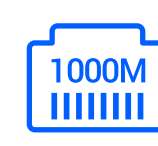
High-Performance  
Built-In Antenna



Efficient Heat  
Dissipation



256 MB Running  
Memory



Full Gigabit  
Ethernet Port

# Wi-Fi 6 technology for advanced, whole-home mesh

Compared to your old routers, the W3R enhances whole-home coverage, creates a unified network, and connects far more devices with high speeds and stability.

## Strong Wi-Fi signal extended to all corners

If you live in an apartment, the W3R Mesh Solo offers enough Wi-Fi signal strength to cover up to 150 m<sup>2</sup>. Want more coverage for bigger homes? Multiple W3R units can work together to scale up the network.



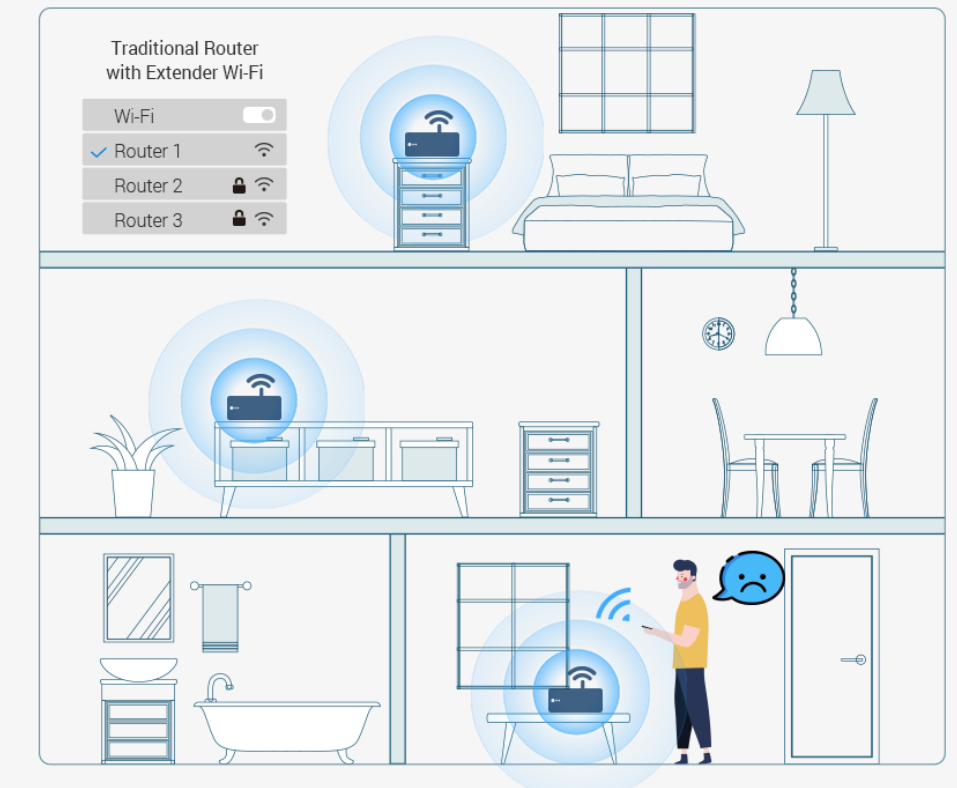
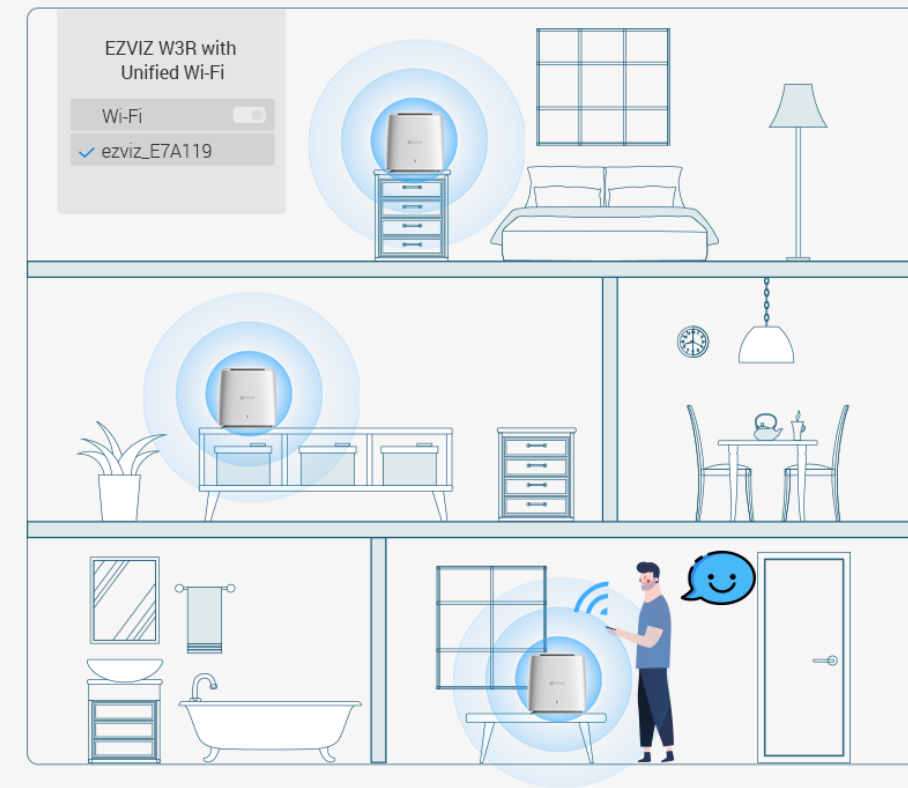
*A W3R mesh system to cover multi-story big houses*



*One single W3R to cover medium to large-size homes*

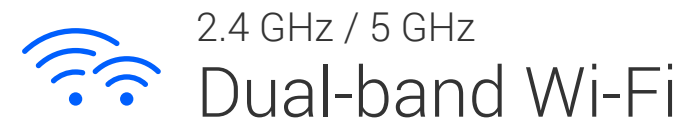
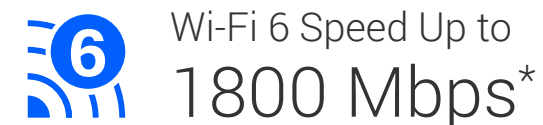
## One unified Wi-Fi, with truly seamless roaming

Thanks to the EZVIZ Easy Mesh technology, multiple W3R units can work seamlessly under one Wi-Fi name. When you are moving around in your home, your device will automatically switch to the nearest and fastest W3R, so you don't need to manually change or test speeds among different Wi-Fi extenders.

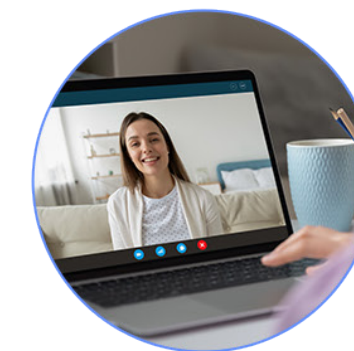


## Higher speeds for greater connected enjoyment at home

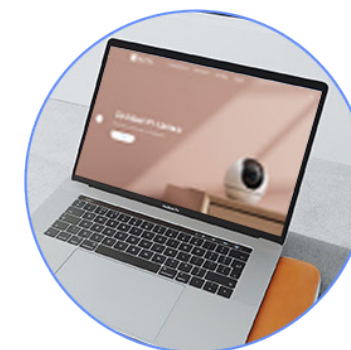
Wi-Fi 6 means you no longer need to stress yourself over a slow-loading movie or sluggish gameplay. Enjoy stable, low-latency streaming, gaming and video conferencing with a Wi-Fi speed of up to 1,800 Mbps.



Gaming



Live Conferencing



Web Browsing



Camera Streaming



Smart Home Controls

# Ready to satisfy your families' new online habits

Even for a dense network environment of a hyper-connected smart home, the W3R is ready to serve up stability and boosted overall performance. Simply put, the W3R "builds a multi-lane highway" to suit heavy home internet traffic.

## More connected devices, no more buffering

The W3R extends its connectivity up to 128 devices. Various electronics and smart devices can work together smoothly to provide lag-free experience without competing against each other for network performance.

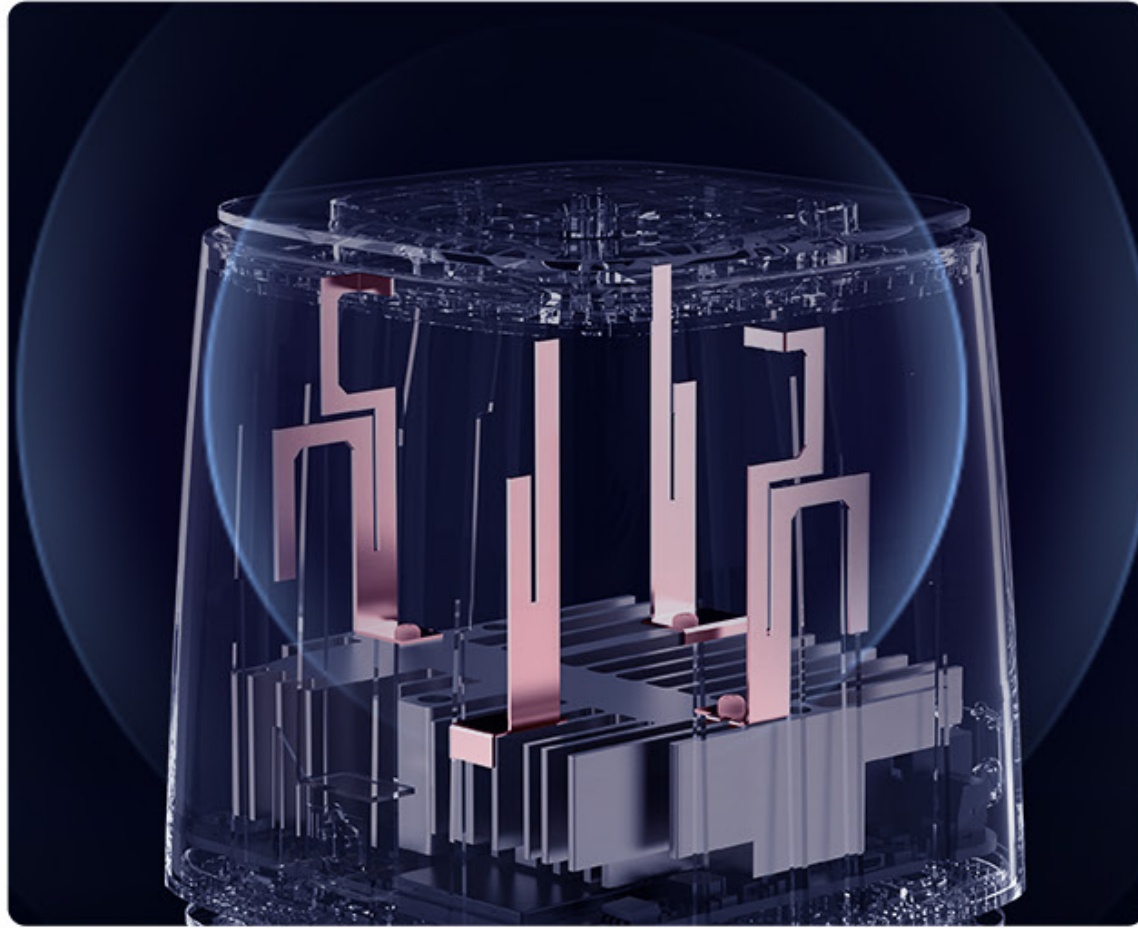


## Enhance your EZVIZ security system

For homes with multiple EZVIZ security cameras, the W3R can optimize the speed of the cameras' live stream and simplify the setup process.



# Thoughtful design for a robust home network



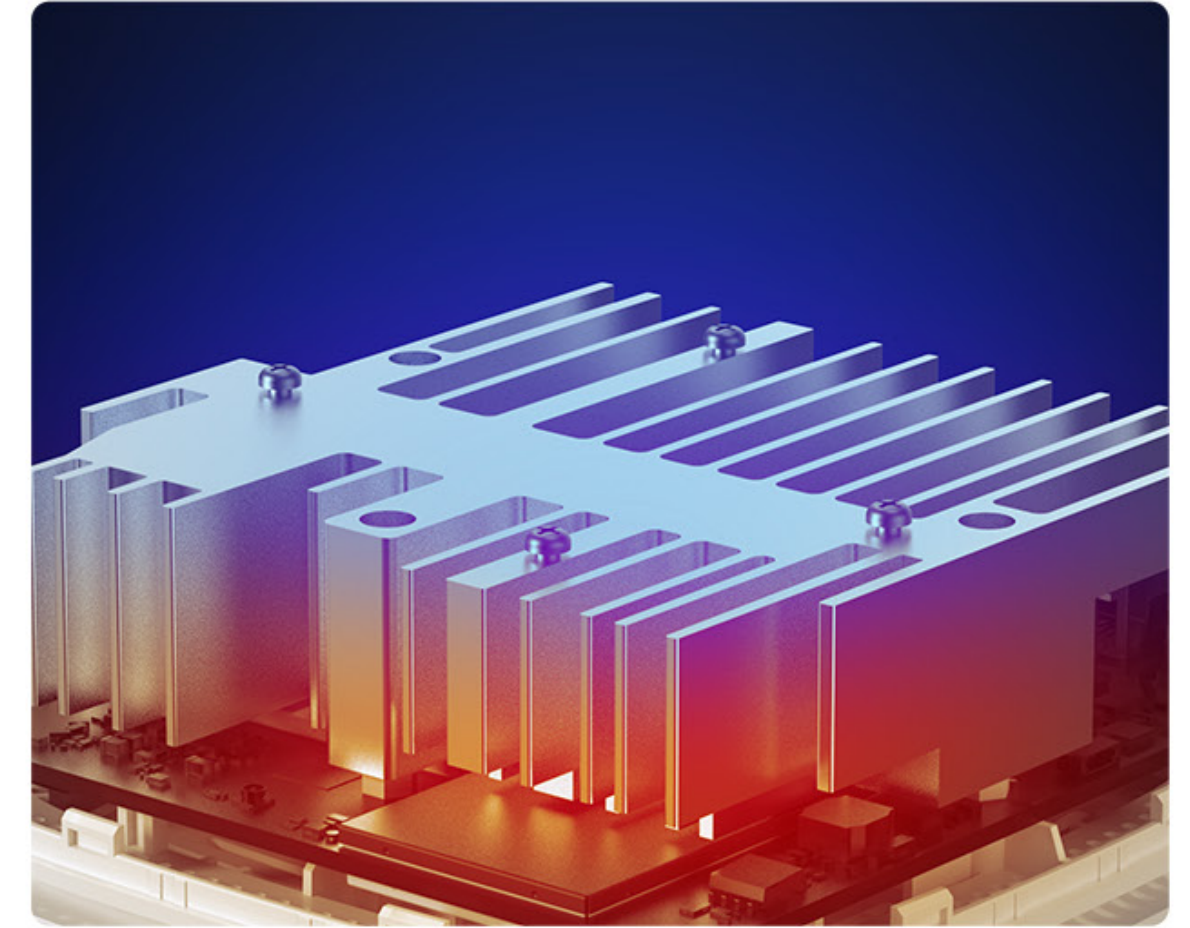
## Built-in high-performance antenna

Powerful connection with dual-core CPU and 4 antennas



## Dual-signal booster

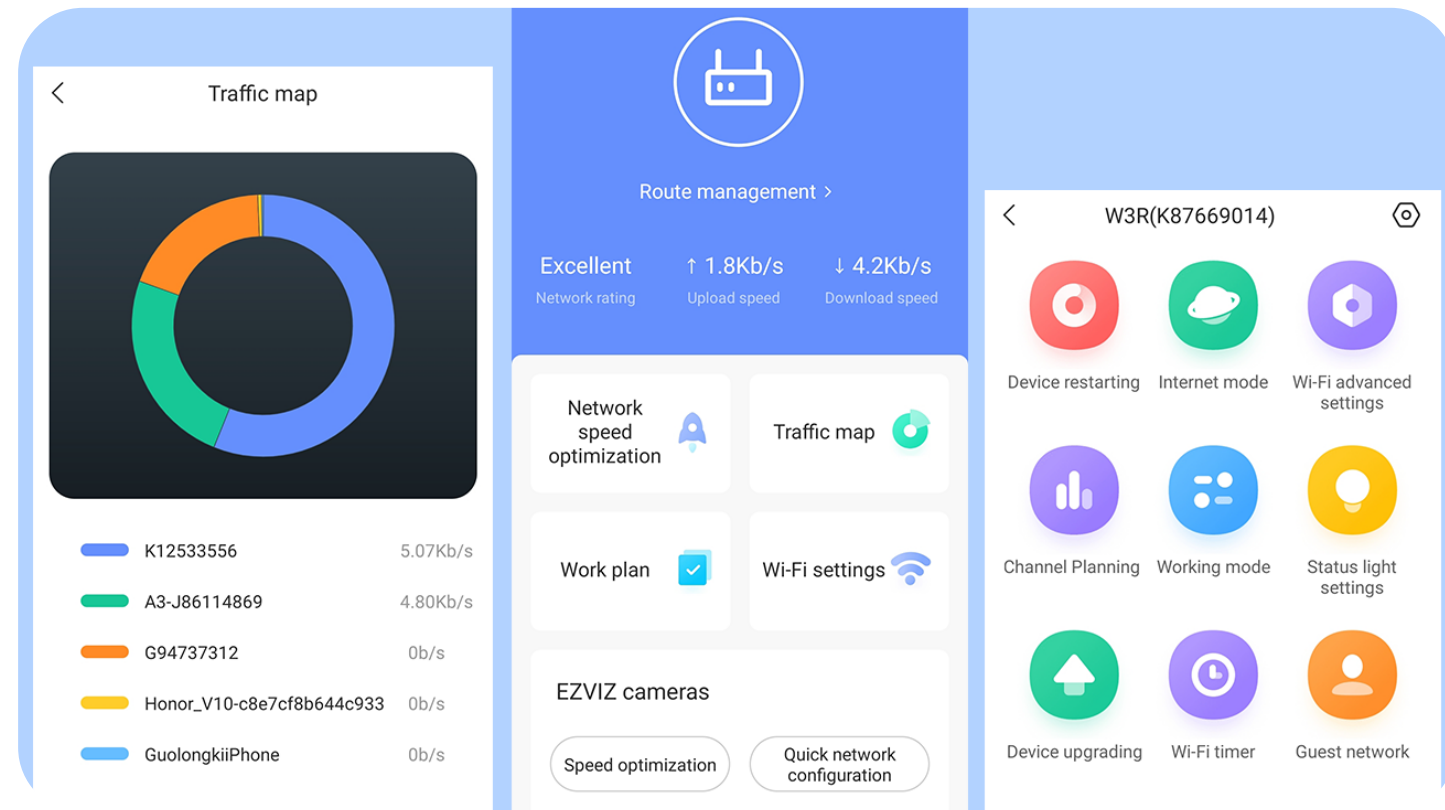
Maintains a strong Wi-Fi signal even when penetrating walls



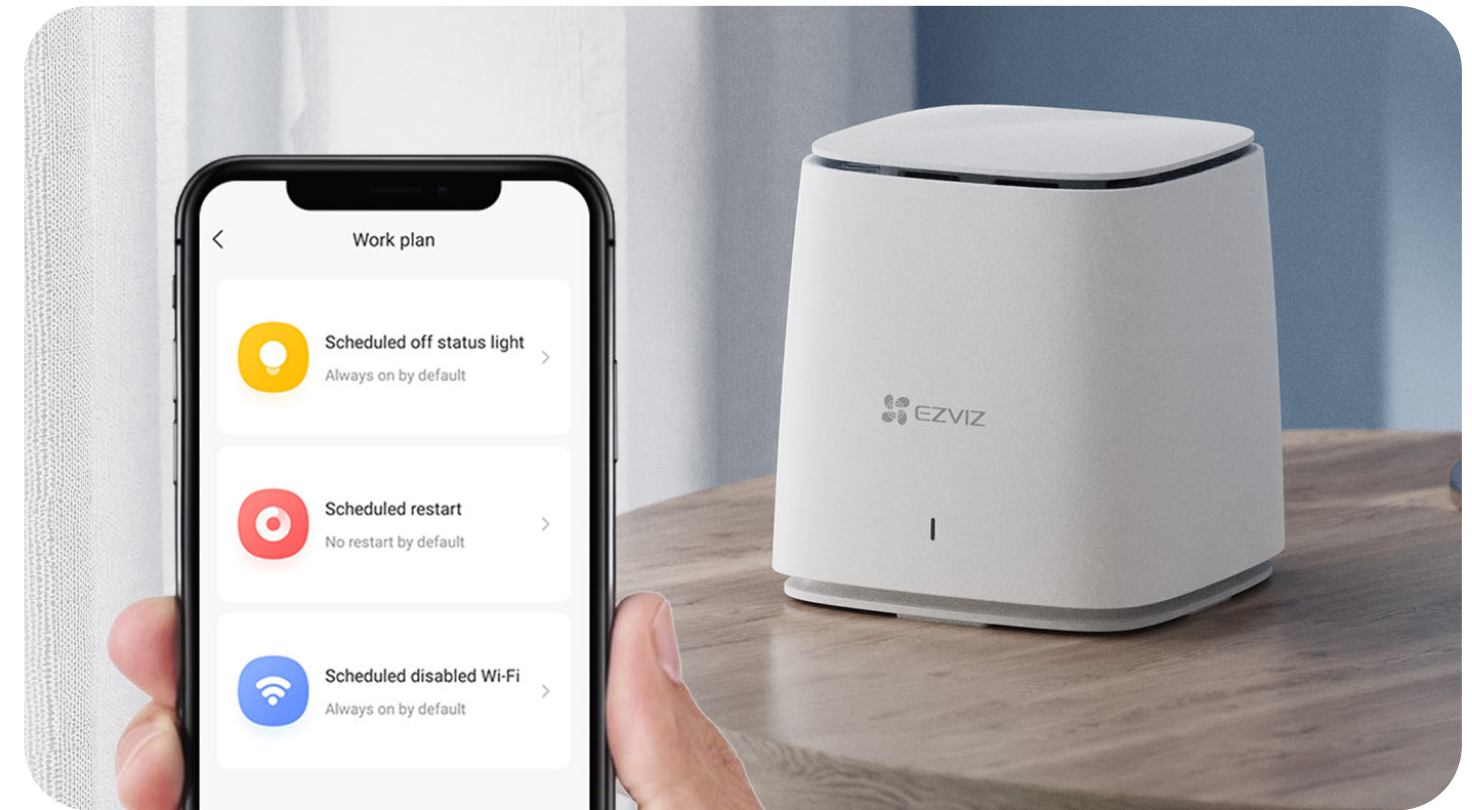
## Efficient heat dissipation design

Prevents the W3R from overheating to ensure steady performance

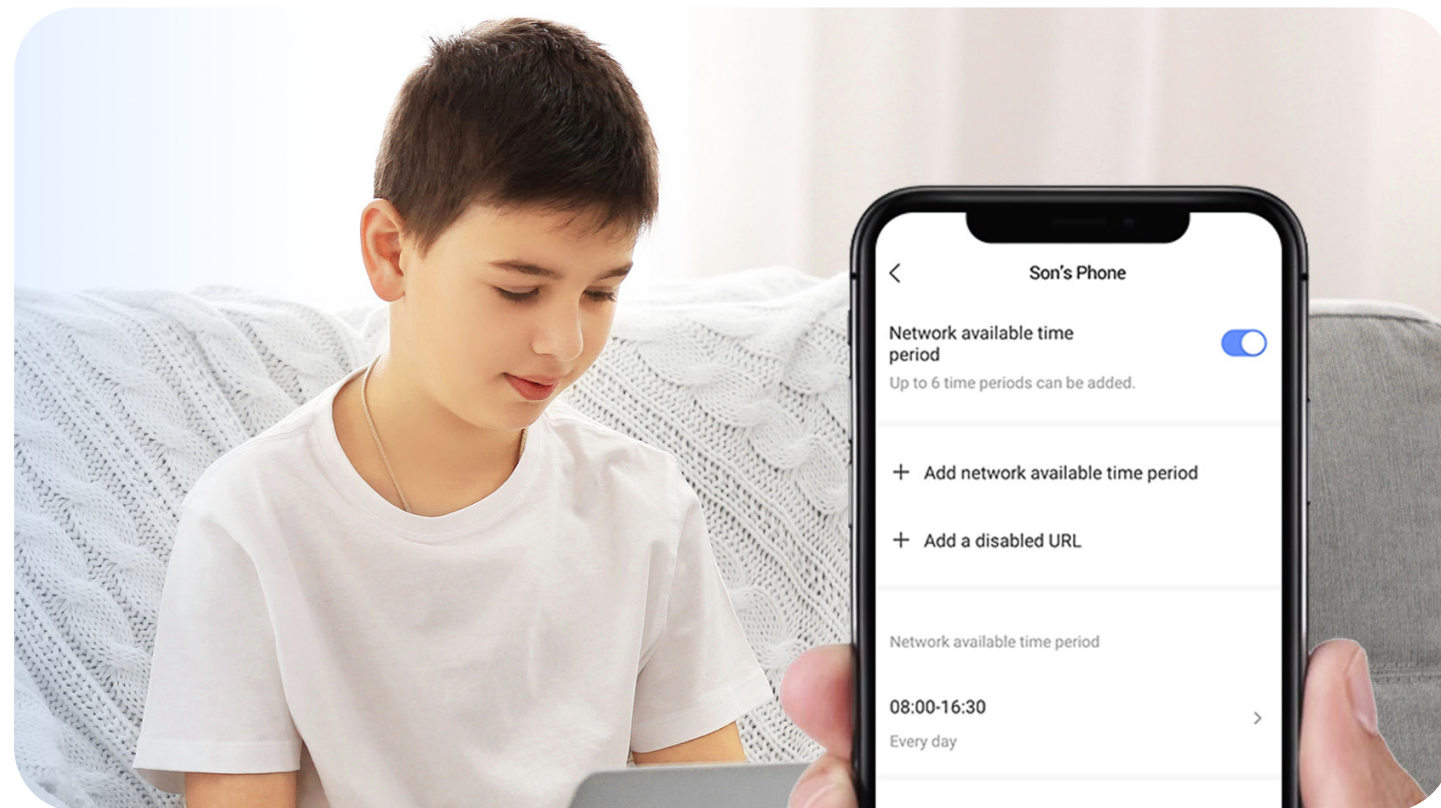
# Easy, remote management via the EZVIZ App



Check and control, even you're not home or forget to switch off the router



Schedule the W3R and even its indicator light's operating hour



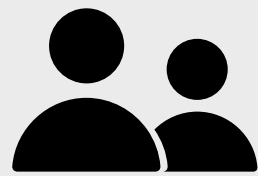
Help your kids surf the net appropriately by setting up time periods and blocked content



Manage different connected users and restrict access to unknown visitors

# A safer network for a worry-free home

## Guest Wi-Fi



Whenever someone visits – whether they're friends or service personnel – just create a guest Wi-Fi for them to go online. In this way, you keep the original Wi-Fi password only within your family.

## Anti Wi-Fi squatter mode



After typing in the password, every new device will have to wait for the owner's permission to access the network. It's a two-step verification to protect your network from hacking attempts.



\* The 1800Mbps is the maximum speed of Wi-Fi 6 across 2.4 GHz (Up to 574Mbps) and 5 GHz (Up to 1201Mbps) bands. Data from EZVIZ Lab test results under standard conditions. Actual use may vary due to environmental factors.

† A single W3R covers up to 150m<sup>2</sup>. Data from EZVIZ Lab test results operated in open environment. Actual use may vary due to environmental factors.

‡ A single W3R can connect up to 128 devices. Data from EZVIZ Lab test results under standard conditions. Actual use may vary due to environmental factors.



# Specifications CS-W3R-R100-X1G8GM

## Wireless

Standards	Wi-Fi 6 IEEE 802.11ax/ac/n/a 5 GHz IEEE 802.11ax/n/b/g 2.4 GHz
Wi-Fi Speeds	AX1800 5 GHz: 1201 Mbps (802.11ax) 2.4 GHz: 574 Mbps (802.11ax)
Mesh Network	EZVIZ Mesh Technology
Frequencies	2.4GHz & 5GHz Dual Band
Working Modes	Router Mode
Wi-Fi Encryption	WPA, WPA2, WPA3

## Hardware

RAM	256 MB Running Memory
Antennas	High-performance Build-in Antennas
Ethernet Ports	3 Full Gigabit Ethernet Ports
Amplifiers	2 High-performance Power Amplifiers
Buttons	Power Button, Reset Button

## Software

Protocols	IPv4
WAN Types	Dynamic IP Static IP PPPoE

## Function

Seamless Roaming	Supports
EZVIZ App & Web Management	Supports
Anti Wi-Fi Squatter Mode	Supports
Parents Management	Supports
Connected Devices	Up to 128 Devices (2.4 GHz & 5 GHz)
Enhanced EZVIZ Cameras	Up to 50 Cameras (2.4 GHz & 5 GHz)

## General

Operating Conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 95% or Less (Non-condensing)
Power Supply	DC 12V / 1.5A
Power Consumption	18W Max
Product Dimensions	97 × 97 × 103 mm (3.8 × 3.8 × 4.0 inch)
Packaging Dimensions	116 × 116 × 174 mm (4.6 × 4.6 × 6.8 inch)
Net Weight	340 g (11.99 oz)
Weight (With Package)	641 g (22.61 oz)

## In the box

- W3R Mesh Wi-Fi
- Network Cable
- Power Adapter
- Quick Start Guide
- Regulatory Information

## Certifications

CE / REACH / WEEE

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